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Ser Met Val Ser Gly Ala Arg Pro Gly Pro Gly Pro Ala Ala Thr Thr 165 170 175

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Ala Lys Met Met Thr Asn Leu Val Met Ala Lys Asp Arg Leu Gln Leu 180 185 190

Leu Glu Lys Leu Gln Pro Val Leu Gln Phe Ser Lys Ser Gln Thr Asp

195 200 205 Val Tyr Asn Glu Ser Thr Asn Leu Thr Cys Arg Asn Gly His Leu Gln Ser Glu Ser Gly Ala Val Pro Lys Arg Lys Asp Pro Leu Thr His Ala Ser Asn Ser Leu Pro Arg Ser Lys Thr Val Leu Lys Ser Gly Ser Ala Gly Leu Ser Gly His His Arg Ala Pro Ser Cys Ser Gly Leu Ser Met Val Ser Gly Ala Arg Pro Gly Pro Gly Pro Ala Ala Thr Thr His Lys Gly Thr Pro Lys Pro Asn Arg Thr Asn Lys Pro Ser Thr Pro Thr Thr Ala Val Arg Lys Lys Asp Leu Lys Asn Phe Arg Asn Val Asp Ser 315 Asn Leu Ala Asn Leu Ile Met Asn Glu Ile Val Asp Asn Gly Thr Ala 325 330 Val Lys Phe Asp Asp Ile Ala Gly Gln Glu Leu Ala Lys Gln Ala Leu 345 Gln Glu Ile Val Ile Leu Pro Ser Leu Arg Pro Glu Leu Phe Thr Gly 355 360 Leu Arg Ala Pro Ala Arg Gly Leu Leu Phe Gly Pro Pro Gly Asn 375 Gly Lys Thr Met Leu Ala Lys Ala Val Ala Ala Glu Ser Asn Ala Thr 390 395 Phe Phe Asn Ile Ser Ala Ala Ser Leu Thr Ser Lys Tyr Val Gly Glu 410 Gly Glu Lys Leu Val Arg Ala Leu Phe Ala Val Ala Arg Glu Leu Gln 420 425 Pro Ser Ile Ile Phe Ile Asp Glu Val Asp Ser Leu Leu Cys Glu Arg Arg Glu Gly Glu His Asp Ala Ser Arg Arg Leu Lys Thr Glu Phe Leu Ile Glu Phe Asp Gly Val Gln Ser Ala Gly Asp Asp Arg Val Leu Val 475 470 Met Gly Ala Thr Asn Arg Pro Gln Glu Leu Asp Glu Ala Val Leu Arg Arg Phe Ile Lys Arg Val Tyr Val Ser Leu Pro Asn Glu Glu Thr Arg 500 505 510

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Gln Lys Glu Leu Ala Gln Leu Ala Arg Met Thr Asp Gly Tyr Ser Gly 530 540

Ser Asp Leu Thr Ala Leu Ala Lys Asp Ala Ala Leu Gly Pro Ile Arg 545 550 555 560

Glu Leu Lys Pro Glu Gln Val Lys Asn Met Ser Ala Ser Glu Met Arg 565 570 575

Asn Ile Arg Leu Ser Asp Phe Thr Glu Ser Leu Lys Lys Ile Lys Arg 580 585 590

Ser Val Ser Pro Gln Thr Leu Glu Ala Tyr Ile Arg Trp Asn Lys Asp 595 600 605

Phe Gly Asp Thr Thr Val